

BACKGROUND MEMO

Site: Nupla Plastic Corp.
11912 Sheldon Street
Sun Valley, Ca.

UML 6/23/94.

File No.: 111.0788

Date: May 2, 1994

Summary of Activities:

The facility manufactures fiberglass handles for tools since 1940. Soil borings were requested and conducted to evaluate the injection molding area, the bare soil adjacent to the injection molding area, chemical storage area, and oil storage area.

The facility submitted "Limited Subsurface Environmental Assessment Investigation Report" dated April 1993, prepared by Rust Environmental & Infrastructure. The report indicate low levels of chlorinated volatile organics, aromatic hydrocarbons, and total petroleum hydrocarbons. Due to the number of years of operation and to determine the vapor phase transport of contaminants, a soil gas survey was requested.

The facility "Workplan for a Soil Gas Survey" and "Workplan soil Gas Probe Location Map" were submitted, reviewed. The facility performed the soil gas survey and submitted "Soil Report Nupla Corporation Site" dated April 20, 1993, prepared by Environmental Support Technologies (EST). The soil gas survey results indicate elevated concentrations of volatile organic compounds around soil gas points SG-7/27 and SG-24. On September 27, 1993, the facility was requested to install multi-depth vapor probes at depths of 20, 50, 80, and 120 feet below ground surface (bgs). On October 22, 1993, the facility requested a reduction of the soil gas probe depths to 20 and 50 feet bgs. due to economic hardships and financial constraints. We had no objection to reduce the depth of the probes however we indicated that based on the soil gas results from the deep probes a determination will be made regarding the need for deeper depth investigation.

The facility submitted "Workplan for Drilling, Installation, Sampling and Field Analyses for Nested Soil Gas Probes" dated January 27, 1994, prepared by EST. The nested soil gas probes were installed and soil gas samples obtained. The facility submitted "Site Assessment Report for Nested Soil Gas Probe Installation, Sampling, and Analysis" dated March 25, 1994, prepared by EST, reporting the soil gas results. The report identified the following:

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Probe I.D.	Depth (feet)	TCE ($\mu\text{g/l}$)	TCA ($\mu\text{g/l}$)	DCE ($\mu\text{g/l}$)	1,2-DCE ($\mu\text{g/l}$)	FREON 113 ($\mu\text{g/l}$)
NP1	10	4	ND	ND	ND	ND
	20	22	2	1	ND	ND
	30	48	4	3	ND	ND
	40	53	4	4	ND	ND
	50	55	3	3	ND	ND
NP2	10	93	2	ND	ND	222
	20	49	5	3	1	ND
	30	124	9	8	2	ND
	40	190	11	9	3	ND
	50	177	12	9	2	ND

Recommendations:

Request deeper soil gas probes to be installed at NP2 to determine the vertical extent of contamination.

- Facility PROPOSED TO RESAMPLE PROBES 9/29/94
- RESULTS FROM RE-SAMPLING SUBMITTED 10/11/94